Doron L Grossman-Naples

Contact Information

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Research Interests

Algebraic topology, algebraic geometry, and homotopy theory.

Education

University of Illinois at Urbana Champaign

Ph.D Candidate, Mathematics (expected May 2025)

- Advisor: Charles Rezk

M.S. in Mathematics, August 2021

University of California at Berkeley

B.A. in Mathematics, May 2019

- Highest honors in mathematics
- Minor in physics

Papers

D. Grossman-Naples, *Finite Manifolds and Minimal Finite Models of Closed Surfaces* (2018). Available at http://math.uchicago.edu/~may/REU2018/.

Talks

Finite Spaces and Finite Models, Graduate Student Homotopy Theory Seminar, University of Illinois at Urbana-Champaign (September 2020).
Simplicial Localizations and How to Find Them, Graduate Student Homotopy Theory Seminar, University of Illinois at Urbana-Champaign (October 2021)

Teaching experience

Fall	2019	Teaching Assistant, Calculus I
Spring	2020	Teaching Assistant, Multivariable Calculus

Honors and Awards

2019	Valedictorian, Mathematics Department University of California at Berkeley
2019	Paul Chernoff Memorial Prize University of California at Berkeley

Graduate Coursework

- ❑ Algebraic Topology
- ❑ Abstract Algebra
- ❑ Commutative Algebra
- ❑ Real Analysis
- ❑ Complex Variables
- ❑ Smooth Manifolds
- ❑ Algebraic Number Theory
- ❑ Algebraic Geometry
- ❑ Functional Analysis
- ❑ Stable Homotopy Theory
- ❑ Simplicial Homotopy Theory
- ❑ Lie Groupoids

Relevant Skills

Languages: English, Italian.